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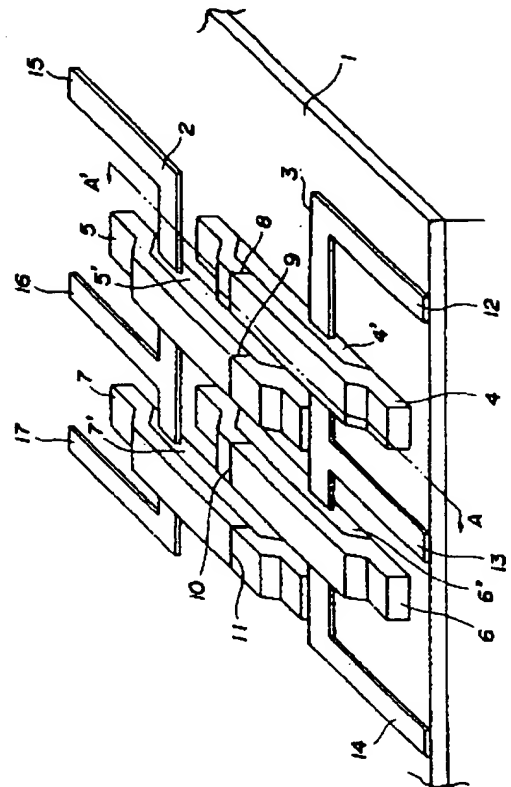
APPLICATION DATE : 06-11-84
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APPLICANT : HITACHI LTD;

INVENTOR : GOTO NORIO;

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TITLE : THIN-FILM MULTI-GAP MAGNETIC HEAD



ABSTRACT : PURPOSE: To make the titled head small, highly accurate and to make its track density high by making the best use of the characteristics of a gap in-plane type magnetic head and making this into a multi-gap magnetic head of high- track density.

CONSTITUTION: Respective upper part magnetic cores 4-7 are alternately dislocated and placed in the lengthwise direction, a part of the lengthwise direction is arranged to mesh with each other and respective magnetic gaps 8-11 are arranged on in-line basis to the meshing part of respective upper part magnetic cores 4-7. Coil electric conductors 2 and 3 are distributed and placed near both end parts of the upper part magnetic cores 4-7 so that they may intersect with upper part magnetic cores 5 and 7 and 4 and 6 respectively at the position which is dislocated from the meshing part of the upper part magnetic cores 4-7. Thus, without being distributed by the coil electric conductors 2 and 3, the upper part magnetic cores 4-7 can be approximately placed and to that extent, the track density can be enhanced.

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